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- (71) Applicant (for all designated States except US): WEST-INGHOUSE BRAKES (UK) LTD. [GB/GB]; Foundry Lane, Chippenham, Wiltshire, SN15 1JB (GB).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): ANSTEY, Nigel [GB/GB]; Foundry Lane, Chippenham, Wiltshire, SN15 1JB (GB). TATE, Derek [GB/GB]; Foundry Lane, Chippenham, Wiltshire SN15 1JB (GB).
- (74) Agent: MOORE, David, S.; Jensen & Son, 366-368 Old Street, London, EC1V 9LT (GB).

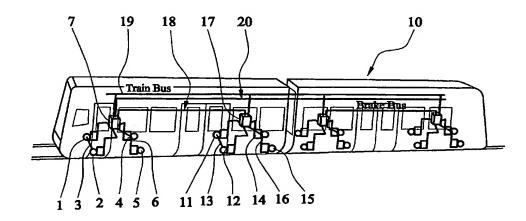
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(54) Title: BRAKE SYSTEM FOR A RAILWAY VEHICLE WITH DIGITAL DATABUS



(57) Abstract: A brake system for a railway vehicle (10), wherein the axles (3, 6) of the vehicle are provided with axle speed sensors (1, 2, 4, 5) adapted to measure the speed of rotation of the respective axle. The output of the axle speed sensor being fed to a data processor (7), which is provided with local intelligence so as to permit individual control of brake pressure on each axle or, alternatively on each bogie or car. The data processor (7) communicates, in use, with a brake control unit via a databus (18), the sensor outputs being processed so that the data can be communicated between the data processor (7) and further data processor s (17), which further data processors are adapted to process sensor outputs on further axles or bogies.

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